

Message Text

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ACTION EUR-12

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AMEMBASSY OSLO

UNCLAS USNATO 7018

E.O. 11652: N/A

TAGS: MARR NATO

SUBJ: PRODUCT OPPORTUNITY - FORACS ELECTRONIC EQUIPMENT: NORWAY

ICB ANNOUNCEMENT ON SHIP CALIBRATION STATION UNDER

INFRASTRUCTURE SLICE XXV

REF: NORWEGIAN DEFENSE CONSTRUCTION SERVICE NOTICE, 16778/75/B/

FBT III/FW/KKS/880.804 DATED 12 DEC 75

1. REFERENCE, RECEIVED FROM NORWEGIAN DELEGATION TO NATO,
IS QUOTED AS FOLLOWS:

BEGIN TEXT:

INTERNATIONAL COMPETITIVE BIDDING WITH REGARD TO NATO
COMMON INFRASTRUCTURE WORKS SLICE XXV SA18

1. IN ACCORDANCE WITH NATO PROCEDURES IT IS HEREBY ANNOUNCED
THAT THE NORWEGIAN MINISTRY OF DEFENCE INTENDS TO CALL FOR
INTERNATIONAL BIDS ON DELIVERY AND INSTALLATION OF ELECTRO-
NIC EQUIPMENT FOR: ONE SHIP CALIBRATION STATION, WITH AN OPTION
FOR A SECOND SUBSTANTIALLY IDENTICAL ONE, BASED ON THE SHORT
DESCRIPTION AT ANNEX.

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2. THE EMBASSIES/CONSULATES ARE KINDLY ASKED TO OBSERVE THAT
A CERTIFICATE OF ELIGIBILITY ON ALL ASPECTS (ECONOMICAL,
TECHNICAL, SECURITY) OF THE FIRMS IN QUESTION SHOULD BE
PROCURED AND FORWARDED TO THE NORWEGIAN DEFENCE CONSTRUCTION

SERVICE TOGETHER WITH THE APPLICATION.

3. THE TENDER DOCUMENTS ARE UNDER PREPARATION AND WILL BE READY FOR SUBMISSION IN JANUARY/FEBRUARY 1976.

4. INTERESTED FIRMS SHOULD ANNOUNCE THEIR INTENTION TO TENDER ON OR BEFORE 15 JAN 76 THROUGH THEIR EMBASSIES/CONSULATES.

5. THE BUILDINGS WILL PRESUMABLY BE READY FOR INSTALLATION OF ELECTRONIC EQUIPMENT TOWARDS THE END OF 1976, AND ALL EQUIPMENT SHOULD BE INSTALLED AND READY FOR CHECK-OUT BY MARCH/APRIL 1977. THE ESTIMATED COST OF THE WORKS AND SUPPLIES IS IN EXCESS OF IAU 200.000 (PER STATION).

6. THE ADDRESS OF THE BUREAU RESPONSIBLE FOR HANDLING OF THE CALLS FOR BID IS:

NORWEGIAN DEFENCE CONSTRUCTION SERVICE
SECTION III
OSLO MIL/AKERSHUS
OSLO 1.
NORWAY

SHIP CALIBRATION STATION - SHORT DESCRIPTION

1. PURPOSE.

THE CALIBRATION STATION WILL SERVE TO DETERMINE THE ACCURACY AND ERROR STRUCTURE OF NAVAL SHIP SENSORS SUCH AS SONARS - RADARS - GYROS ETC. THE BASIC ACCURACY OF THE CALIBRATION STATION SYSTEM WILL BE SIGNIFICANTLY HIGHER THAN ANY NAVAL SYSTEM TO BE TESTED.

2. BASIC RANGE OPERATION.

THE SHIP UNDER TEST WILL PROCEED ON THE RANGE AT SLOW
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SPEED ALONG PRE DETERMINED TRACKS. ITS POSITION WILL BE DETERMINED AT SHORT INTERVALS BY MANUAL THEODOLITE TRIANGULATION. SIMULTANEOUS WITH THE THEODOLITE SHOTS READINGS OF ALL SHIP SENSORS AND A SHIPBOARD THEODOLITE WILL BE TAKEN.

THE THEODOLITES WILL HAVE DIGITAL ENCODER OUTPUTS WHICH ARE TRANSMITTED BY RADIO LINK TO A COMPUTER FOR REAL TIME PROCESSING. SENSOR READINGS ARE MANUALLY RECORDED AND ARE BATCH ENTERED INTO THE COMPUTER AFTER COMPLETION OF RUNS.

THE SHIP SENSORS OPERATE AGAINST ARTIFICIAL TARGETS WHICH CAN BE PRECISION CONTROLLED IN RANGE, FREQUENCY ETC.

3. MAIN SYSTEM COMPONENTS.

DIGITAL THEODOLITE TRACKING SYSTEM WITH DATA LINK
INTERFACE

ACOUSTIC TARGET SYSTEM WITH SEA CABLES

ELECTROMAGNETIC TARGET SYSTEM WITH ANTENNAS

DATA AND VOICE RADIO LINKS

COMPUTER SYSTEM WITH DATA LINK INTERFACE

OPERATIONAL SUPPORT EQUIPMENT INCLUDING SOUND VELOCITY
PROFILE INSTRUMENT - UNDERWATER TELEPHONE ETC

GENERAL TEST INSTRUMENTS

TARGET CONTROL CONSOLE

4. GOVERNMENT FURNISHED MATERIAL GFM.

THE FOLLOWING ITEMS WILL BE GFM:

MAIN PARTS OF ACOUSTIC TARTET SYSTEM

MINOR PARTS OF ELECTROMAGNETIC TARGET SYSTEMS
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ALL DATA AND VOICE RADIO LINKS

COMPUTER SYSTEM WITH SOFTWARE EXCLUDING INTERFACE

ALL BUILDINGS AND CIVIL WORKS

5. LOCATION.

THE CALIBRATION STATION WILL BE LOCATED IN WESTERN NORWAY.

6. OPTIONS.

ANOTHER SUBSTANTIALLY IDENTICAL CALIBRATION STATION IS
OPTIONALLY REQUIRED FOR LOCATION IN SOUTHERN EUROPE. END TEXT.

2. RECOMMEND NAMES OF INTERESTED US BIDDERS BE PROVIDED
THROUGH AMEMBASSY OSLO BY OR BEFORE 15 JANUARY 1976.BRUCE

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<< END OF DOCUMENT >>

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